

## LOW COLONIST FARES

Daily March 15 to April 15th,  
TO  
ALL POINTS ON OREGON ELECTRIC RAILWAY  
FROM

Chicago	\$ 38.00	St. Paul	\$ 30.00
Peoria	37.00	Minneapolis	30.00
St. Louis	37.00	Duluth	30.00
Milwaukee	36.70	Kansas City	30.00
Little Rock	42.50	Omaha	30.00
Memphis	42.50	St. Joseph	30.00
New Orleans	48.05	Lincoln	30.00

From other eastern points in proportion.

Tell your friends in the East of this opportunity of moving West on low fares. Direct train service via Burlington Route, Northern Pacific, Great Northern and Spokane, Portland & Seattle and Oregon Electric Railways. You can deposit funds with me and tickets will be furnished people in the East. Details will be furnished on request.

W. D. SKINNER, Traffic Manager, Portland, Ore. J. E. FARMER, Agent, Forest Grove, Ore.

## The Press Poultry Department

Conducted by H. S. Canon, Magalia, Calif.

*Send questions for this department direct to Mr. Canon to insure prompt answers.*

### Talks on Feeding.

Scatter half the grain in the litter in the morning and the remainder early enough in the afternoon to give the fowls time to scratch it all out before dark. Or, the grain for the morning feed may be scattered in the litter just after dark in evening and will be ready for the fowls to go to work on bright and early in the morning, giving the attendant an opportunity to give other matters his attention in the morning with the assurance that his fowls are busy scratching out their breakfast.

When the litter becomes soiled and damp, which will depend upon the number of fowls using it, it must be replaced with clean material.

If feeding as suggested in this department two weeks ago, give each dozen small hens  $\frac{1}{2}$  pound of wheat twice a day, keep the hoppers filled with the dry mash, and the grit, shell, and charcoal, a little vegetable food each day, plenty of clean, fresh water in clean vessels all the time, and your fowls will pay you a handsome profit.

The idea seems to prevail in some places that a constant use of condiments and spices will cause the hens to lay regardless of what and how they are fed. A healthy fowl does not need any stimulant other than what is found in good clean food, and the constant use of pepper, both black and red, mustard and ginger etc., is not only unnecessary, but positively injurious to the digestive organs.

You must furnish the hen with the proper ingredients in the proper proportions for making eggs if you want her to do her best in egg production.

You wouldn't put skimmed milk into a churn and expect to get butter because there are no butter forming elements in skimmed milk. Then why feed a hen with fat forming and heat producing foods and expect her to make eggs of it?

I have tried to make myself clear on this subject, but in closing, I wish to say that if there are any points that I have not made clear, I will be glad to furnish any reader of the paper any specific information desired.

Find below a table showing the digestible proportion of digestible elements in some of the commoner feeds, from which you can make up a balanced ration from the material most readily obtainable.

Name	Protein	Carbohydrates	Fat
Corn	10.3	70.4	5.0
Wheat	11.9	71.9	2.1
Oats	11.8	59.7	5.0
Barley	12.4	69.8	1.8
Corn Meal	9.2	68.7	3.8
Bran	15.4	53.9	4.0
Middlings	15.6	60.4	4.0
Kaffir Corn	9.9	74.9	3.0
Millet Seed	11.8	57.4	4.0
Flax	22.6	23.2	33.7
Sunflower Seed	16.3	21.4	21.2
Meat Scraps	71.2	.3	13.7
Beef Scraps	58.0		32.9
Green Bone	32.2		16.5

#### KURIOS FROM KORRESPONDENTS

Q. Is it true that chicken mites are like certain lizards that can change their color according to the object they are on? A. No. They are light gray in color, except when filled with hen blood, which shows red through their skin and gives them the name red mites.

Q. I had very poor success with geese last year. My stock was young, not overfat, healthy and mated early. A. Young geese are generally unreliable breeders. They should at least be two years old when mated.

Q. Why is it so many people fall in the poultry business? A. There are not more making failure of this business than in other vocations, and those that do not succeed generally fall because they do not learn the details and demands of the business before they enter it.

Q. My cock pheasants are eating the eggs. Please tell me how to prevent this. A. Pheasants generally do this when eggs are exposed. As nesting season approaches you should place bundles of brush around in the corners, leaving room enough behind for the hen pheasant to hide her nest. Scatter some small china eggs around for the cocks to get fooled on.

Q. At what temperature should I run an incubator to hatch duck eggs? A. First week, 102 degrees; second and third, 103 degrees; last week, 104 degrees.

Q. Do you run your poultry plant by any of these advertised systems? A. Not if the system is a get-rich-quick, nature fake gold brick. Our business is run on a sane plane a la nature.

Q. Which breed of fowls has the most perfect lacing? A. The Seabright Bantam.

Q. What difference is there in the color of a Columbian Rock and a Columbian Wyandotte? Is it true that Buff Leghorns lay better than White Leghorns? A. No difference. Laying capacity depends on the strain, not on the color.

#### FEATHERS AND EGGSHELLS.

While wild pigeons in the United States are about extinct, they are a pest in England. Farmers of North Herefordshire have petitioned the county council for permission to kill them, as the great flocks are destroying their crops.

A merchant of the name Rottenberg in New York was fined \$200 for selling rots and spots. If the "name of the wicked shall rot" this one was rotten before and after.

Please remember when you hatch and raise fowls that you are dealing with flesh and blood. There's a big difference between raising chicks and pumpkins, but squashesheads can't see it.

Rank ground is a very common cause of poultry diseases, and how seldom some cultivate or renew poultry yard soil. Better send a chunk of your yard to a bacteriologist. Maybe that's where your chicks got gapes or hens caught cholera last summer.

A Williamsport (Pa.) fancier hearing a rumpus at night in his henhouse grabbed a shotgun and ran for the henry. A thief on watch shot him and ran into the coop. The hero staggered into the pen, engaged the first thief and his pal and after a fearful battle killed both. Strange to relate, the man's wife locked him out, he was not arrested, nor would any one go near to identify the dead thieves. They were stunks.

A 5,000 egg incubator was set and so timed to hatch at the Philadelphia show that the visitors could see chicks breaking the shell and emerging by thousands. There were 5,000 entries, and on some days 5,000 paid to see them.

"Back to the soil!" is a sermon preached by some cushion pressing city farmers that they ought to put to practice. It would be amusing to see them put their hot air theories into practice, and if they didn't get a crop out of the ground the first season they might reap some old style common sense.

The poultry business is on the boom and has created a profession that is sane, scientific and satisfactory. It's as respectable as any, pays better than many and, in truth, is a conservator of youth.

Some of our most noted fanciers are ministers. Keeping chickens is a side issue that not only helps to supply their table, but it's a sort of safety valve for a professional man when he can sit down in a pen and tell his troubles to an old hen.

*L. M. French*

Might Bring Results.  
"I have no imagination."  
"Really?"  
"Yes. What'd you advise me to do about it?"  
"Might acquire a good attack of indigestion."

### THE CHRISTIAN CHURCH.

A fine audience heard C. H. Hilton Sunday night on the "Uniqueness of the Bible." The sermon of last Sunday evening will be followed next Sunday evening by one on "Four Simple Proofs of Bible Inspiration." Do not fail to hear this sermon of Sunday evening. At the morning hour the subject will be, "The Wisdom of the Children of This World." Bible school promptly at ten o'clock, with interesting service. Decision day next Sunday. The County Sunday School convention begins Thursday morning at the Christian church and continues over Friday. All Christians and especially Bible school workers should be in every service possible. Many splendid speakers, and some live topics. Rev. Phipps, State Bible School Field worker, speaks on Thursday night. He has a great message. Do not fail to hear him.

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Stallion Registration Board  
STATE OF OREGON  
LICENSE CERTIFICATE OF PURE BRED STALLION OR JACK, No. 596  
DATED AT CORVALLIS, OREGON, OCTOBER 12, 1911

The pedigree of the jack BEECHER, No. 3529 (American), registered in the studbook of American Breeders' Association of Jacks and Jennets, owned by W. H. French, Forest Grove, Oregon, bred by John Beldingbrook, Heppner, Oregon, described as follows: Black, White points, Sire, Theodor; Dam, Queen; Breed JACK, foaled June 15, 1906, has been examined by the Stallion Registration Board of Oregon, and it is hereby certified that the said jack is of PURE BREEDING, is registered in the studbook that is recognized by the associations named in section nine of an Act of the Legislative Assembly of the State of Oregon providing for the licensing of stallions, etc., filed in the office of the Secretary of State February 23, 1911, and that the above named jack has been examined by the veterinarian appointed by the Stallion Registration Board and is hereby reported free from infectious, contagious or transmissible diseases or unsoundness and is hereby licensed to stand for public service in the State of Oregon. E. L. POTTER, Secretary Stallion Registration Board

[Seal] NOTE—This license has been recorded in the office of the Recorder of Conveyances of Washington County and must be renewed Oct. 12, 1914

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### Have You Eggs or Poultry for Breeding Purposes for Sale?

Many people in this section of Washington county are interested in Poultry-raising and will purchase eggs or breeding stock. You can reach them through the classified columns of the

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